


 SUBSTITUTE FORM PTO-1449
 (MODIFIED)

 U.S. DEPARTMENT OF COMMERCE
 PATENT AND TRADEMARK OFFICE

 INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT
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(37 C.F.R. § 1.98(b))

Attorney Docket No.	01997/548003
Serial No.	10/661,398
Applicant	Horvitz et al.
Filing Date	September 12, 2003
Group	1609
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U.S. PATENT DOCUMENTS

Examiner's Initials	Document Number	Issue or Publication Date	Patentee or Applicant	Class	Subclass	Filing Date (If Appropriate)
	5,034,506	Jul. 23, 1991	Summerton et al.			
	5,837,832	Nov. 17, 1998	Chee et al.			
	6,410,243	Jun. 25, 2002	Wyrick et al.			
	6,436,665	Aug. 20, 2002	Kuimelis			
	6,503,717	Jan. 7, 2003	Case et al.			
	6,610,489	Aug. 26, 2003	Wolffe et al.			
	2002/0137906	Sep. 26, 2002	Horvitz et al.			
	2002/0064523	May 30, 2002	Horvitz et al.			

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
	WO 04/024084	Mar. 25, 2004	W.I.P.O.			
	WO 98/54299	Dec. 3, 1998	W.I.P.O.			
	WO 95/25116	Sept. 21, 1995	W.I.P.O.			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

	Allard et al., "NuA4, An Essential Transcription Adaptor/Histone H4 Acetyltransferase Complex Containing Esa1p and the ATM-Related Cofactor Tra1p," <i>EMBO J.</i> 18(18):5108-5119, 1999.
	Anderson, P., "Mutagenesis," <i>Meth. Cell Biol.</i> 48:31-58, 1995.
	Austin and Kimble, "Transcript Analysis of Glp-1 and Lin-12, Homologous Genes Required for Cell Interactions During Development of <i>C. Elegans</i> ," <i>Cell</i> 58(3):565-571, 1989.
	Beitel et al., "The <i>C. Elegans</i> Gene <i>Lin-9</i> , Which Acts in an Rb-Related Pathway, Is Required for Gonadal Sheath Cell Development and Encodes a Novel Protein," <i>Gene</i> 254(1-2):253-263, 2000.
	Beitel et al., " <i>Caenorhabditis Elegans</i> Ras Gene <i>Let-60</i> Acts As a Switch in the Pathway of Vulval Induction," <i>Nature</i> 348:503-509, 1990.
	Belfiore et al., "The MEP-1 Zinc-Finger Protein Acts With MOG DEAH Box Proteins to Control Gene Expression Via the <i>Fem-3</i> 3' Untranslated Region in <i>Caenorhabditis Elegans</i> ," <i>RNA</i> 8:725-739, 2002.
	Benton and Davis, "Screening λ gt Recombinant Clones by Hybridization to Single Plaques In Situ," <i>Science</i> 196(4286):180-182, 1977.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)							
	Boxem and van den Heuvel, "C. <i>Elegans</i> Class B Synthetic Multivulva Genes Act in G ₁ Regulation," <i>Curr. Biol.</i> 12(11):906-911, 2002.						
	Brehm et al., "Retinoblastoma Protein Recruits Histone Deacetylase to Repress Transcription," <i>Nature</i> 391:597-601, 1998.						
	Brenner, S., "The Genetics of <i>Caenorhabditis Elegans</i> ," <i>Genetics</i> 77:71-94, 1974.						
	Brown et al., "The Many HATs of Transcription Coactivators," <i>Trends Biochem. Sci.</i> 25(1):15-19, 2000.						
	Brown et al., "Recruitment of HAT Complexes by Direct Activator Interactions with the ATM-Related Tra1 Subunit," <i>Science</i> 292(5525):2333-2337, 2001.						
	Capowski et al., "Identification of Grandchildless Loci Whose Products Are Required for Normal Germ-Line Development in the Nematode <i>Caenorhabditis Elegans</i> ," <i>Genetics</i> 129:1061-1072, 1991.						
	Ceol and Horvitz, "Dpl-1 DP and Efl-1 E2F Act with Lin-35 Rb to Antagonize Ras Signaling in <i>C. Elegans</i> Vulval Development," <i>Mol. Cell</i> 7(3):461-473, 2001.						
	Clark and Baillie, "Genetic Analysis and Complementation by Germ-Line Transformation of Lethal Mutations in the Unc-22 IV Region of <i>Caenorhabditis Elegans</i> ," <i>Mol. Gen. Genet.</i> 232(1):97-105, 1992.						
	Clarke et al., "Esa1p Is an Essential Histone Acetyltransferase Required for Cell Cycle Progression," <i>Mol. Cell. Biol.</i> 19(4):2515-2526, 1999.						
	Conradt and Horvitz, "The TRA-1A Sex Determination Protein of <i>C. Elegans</i> Regulates Sexually Dimorphic Cell Deaths by Repressing the Egl-1 Cell Death Activator Gene," <i>Cell</i> 98(3):317-327, 1999.						
	Couteau et al., "A Heterochromatin Protein 1 Homologue in <i>Caenorhabditis Elegans</i> Acts in Germline and Vulval Development," <i>EMBO Rep.</i> 3(3):235-241, 2002.						
	Dibb et al., "Sequence Analysis of Mutations that Affect the Synthesis, Assembly and Enzymatic Activity of the Unc-54 Myosin Heavy Chain of <i>Caenorhabditis Elegans</i> ," <i>J. Mol. Biol.</i> 183(4):543-551, 1985.						
	Dyson, N., "The Regulation of E2F by pRB-Family Proteins," <i>Genes Dev.</i> 12:2245-2262, 1998.						
EXAMINER				DATE CONSIDERED			
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	Edgley and Riddle, "LG II Balancer Chromosomes in <i>Caenorhabditis Elegans</i> : <i>mT1(II;III)</i> and the <i>mln1</i> Set of Dominantly and Recessively Marked Inversions," <i>Mol. Genet. Genomics</i> 266(3):385-395, 2001.				
	Ehrenhofer-Murray et al., "The Role of Sas2, an Acetyltransferase Homologue of <i>Saccharomyces Cerevisiae</i> , in Silencing and ORC Function," <i>Genetics</i> 145:923-934, 1997.				
	Eisen et al., "The Yeast NuA4 and <i>Drosophila</i> MSL Complexes Contain Homologous Subunits Important for Transcription Regulation," <i>J. Biol. Chem.</i> 276(5):3484-3491, 2001.				
	Elbashir et al., "Duplexes of 21-Nucleotide RNAs Mediate RNA Interference in Cultured Mammalian Cells," <i>Nature</i> 411(6836):494-498, 2001.				
	Fay et al., " <i>Fzr-1</i> and <i>Lin-35/Rb</i> Function Redundantly to Control Cell Proliferation in <i>C. Elegans</i> as Revealed by a Nonbiased Synthetic Screen," <i>Genes Dev.</i> 16:503-517, 2002.				
	Fay and Han, "The Synthetic Multivulval Genes of <i>C. Elegans</i> : Functional Redundancy, Ras-Antagonism, and Cell Fate Determination," <i>Genesis</i> 26(4):279-284, 2000.				
	Ferguson et al., "A Genetic Pathway for the Specification of the Vulval Cell Lineages of <i>Caenorhabditis Elegans</i> ," <i>Nature</i> 326:259-267, 1987.				
	Ferguson and Horvitz, "The Multivulva Phenotype of Certain <i>Caenorhabditis Elegans</i> Mutants Results From Defects in Two Functionally Redundant Pathways," <i>Genetics</i> 123:109-121, 1989.				
	Ferguson and Horvitz, "Identification and Characterization of 22 Genes That Affect the Vulval Cell Lineages of the Nematode <i>Caenorhabditis Elegans</i> ," <i>Genetics</i> 110:17-72, 1985.				
	Fire et al., "Potent and Specific Genetic Interference by Double-Stranded RNA in <i>Caenorhabditis Elegans</i> ," <i>Nature</i> 391(6669):806-811, 1998.				
	Fong et al., "Regulation of the Different Chromatin States of Autosomes and X Chromosomes in the Germ Line of <i>C. Elegans</i> ," <i>Science</i> 296(5576):2235-2238, 2002.				
	Frank et al., "MYC Recruits the TIP60 Histone Acetyltransferase Complex to Chromatin," <i>EMBO Rep.</i> 4(6):575-580, 2003.				
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	Fraser et al., "Functional Genomic Analysis of <i>C. Elegans</i> Chromosome I by Systematic RNA Interference," <i>Nature</i> 408(6810):325-330, 2000.						
	Fuchs et al., "The p400 Complex Is an Essential E1A Transformation Target," <i>Cell</i> 106(3):297-307, 2001.						
	Gavin et al., "Functional Organization of the Yeast Proteome by Systematic Analysis of Protein Complexes," <i>Nature</i> 415(6868):141-147, 2002.						
	Ge, H., "UPA, a Universal Protein Array System for Quantitative Detection of Protein-Protein, Protein-DNA, Protein-RNA and Protein-Ligand Interactions," <i>Nucleic Acids Res.</i> 28(2):e31-e3vii, 2000.						
	Grunstein and Hogness, "Colony Hybridization: A Method for the Isolation of Cloned DNAs That Contain a Specific Gene," <i>Proc. Nat. Acad. Sci. U.S.A.</i> 72(10):3961-3965, 1975.						
	Hajnal et al., "Inhibition of <i>Caenorhabditis Elegans</i> Vulval Induction by <i>Gap-1</i> and by <i>Let-23</i> Receptor Tyrosine Kinase," <i>Genes Dev.</i> 11:2715-2728, 1997.						
	Heller et al., "Discovery and Analysis of Inflammatory Disease-Related Genes Using cDNA Microarrays," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 94:2150-2155, 1997.						
	Herman, M.A., "C. <i>Elegans</i> POP-1/TCF Functions in a Canonical Wnt Pathway That Controls Cell Migration and in a Noncanonical Wnt Pathway That Controls Cell Polarity," <i>Development</i> 128:581-590, 2001.						
	Herman, R.K., "Crossover Suppressors and Balanced Recessive Lethals in <i>Caenorhabditis Elegans</i> ," <i>Genetics</i> 88:49-65, 1978.						
	Hengartner et al., " <i>Caenorhabditis Elegans</i> Gene <i>Ced-9</i> Protects Cells From Programmed Cell Death," <i>Nature</i> 356:494-499, 1992.						
	Hill and Sternberg, "The Gene <i>Lin-3</i> Encodes an Inductive Signal for Vulval Development in <i>C. elegans</i> ," <i>Nature</i> 358(6386):470-476, 1992.						
	Ho et al., "Systematic Identification of Protein Complexes in <i>Saccharomyces Cerevisiae</i> by Mass Spectrometry," <i>Nature</i> 415(6868):180-183, 2002.						
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)							
	Holdeman et al., "MES-2, a Maternal Protein Essential for Viability of the Germline in <i>Caenorhabditis Elegans</i> , Is Homologous to a <i>Drosophila</i> Polycomb Group Protein," <i>Development</i> 125:2457-2467, 1998.						
	Hopper et al., "ARK-1 Inhibits EGFR Signaling in <i>C. Elegans</i> ," <i>Mol. Cell</i> 6(1):65-75, 2000.						
	Hsieh et al., "The RING Finger/B-Box Factor TAM-1 and a Retinoblastoma-Like Protein LIN-35 Modulate Context-Dependent Gene Silencing in <i>Caenorhabditis Elegans</i> ," <i>Genes Dev.</i> 13:2958-2970, 1999.						
	Hunter, T., "When Is A Lipid Kinase Not A Lipid Kinase? When It Is A Protein Kinase," <i>Cell</i> 83(1):1-4, 1995.						
	Jansen et al., "Reverse Genetics by Chemical Mutagenesis in <i>Caenorhabditis Elegans</i> ," <i>Nature Genet.</i> 17(1):119-121, 1997.						
	Johnson et al., "Identification of a Non-Basic Domain in the Histone H4 N-Terminus Required for Repression of the Yeast Silent Mating Loci," <i>EMBO J.</i> 11(6):2201-2209, 1992.						
	Jongeward et al., " <i>Sli-1</i> , A Negative Regulator of <i>Let-23</i> -Mediated Signaling in <i>C. Elegans</i> ," <i>Genetics</i> 139:1553-1566, 1995.						
	Kimmel, A.R., "Identification and Characterization of Specific Clones: Strategy for Confirming the Validity of Presumptive Clones," <i>Meth. Enzymol.</i> 152:507-511, 1987.						
	Kitzmann and Fernandez, "Crosstalk Between Cell Cycle Regulators and the Myogenic Factor MyoD in Skeletal Myoblasts," <i>Cell. Mol. Life Sci.</i> 58:571-579, 2001.						
	Korf et al., "The Polycomb Group in <i>Caenorhabditis Elegans</i> and Maternal Control of Germline Development," <i>Development</i> 125:2469-2478, 1998.						
	Lang et al., "E2F Transcriptional Activation Requires TRRAP and GCN5 Cofactors," <i>J. Biol. Chem.</i> 276(35):32627-32634, 2001.						
	Levkowitz et al., "Ubiquitin Ligase Activity and Tyrosine Phosphorylation Underlie Suppression of Growth Factor Signaling by c-Cbl/Sli-1," <i>Mol. Cell</i> 4(6):1029-1040, 1999.						
	Lockhart et al., "Expression Monitoring by Hybridization to High-Density Oligonucleotide Arrays," <i>Nature Biotechnol.</i> 14(13):1675-1680, 1996.						
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	Loewith et al., "Three Yeast Proteins Related to the Human Candidate Tumor Suppressor p33 ^{ING1} Are Associated with Histone Acetyltransferase Activities," <i>Mol. Cell. Biol.</i> 20(11):3807-3816, 2000.					
	Lu and Horvitz, " <i>Lin-35</i> and <i>Lin-53</i> , Two Genes That Antagonize a <i>C. Elegans</i> Ras Pathway, Encode Proteins Similar to Rb and Its Binding Protein RbAp48," <i>Cell</i> 95(7):981-991, 1998.					
	Luo et al., "Rb Interacts with Histone Deacetylase to Repress Transcription," <i>Cell</i> 92(4):463-473, 1998.					
	MacBeath and Schreiber, "Printing Proteins as Microarrays for High-Throughput Function Determination," <i>Science</i> 289(5485):1760-1763, 2000.					
	Magnaghi-Jaulin et al., "Retinoblastoma Protein Represses Transcription by Recruiting a Histone Deacetylase," <i>Nature</i> 391:601-605, 1998.					
	McMahon et al., "The Novel ATM-Related Protein TRRAP Is An Essential Cofactor of the c-Myc and E2F Oncoproteins," <i>Cell</i> 94(3):363-374, 1998.					
	Meijsing and Ehrenhofer-Murray, "The Silencing Complex SAS-I Links Histone Acetylation to the Assembly of Repressed Chromatin by CAF-I and Asf1 in <i>Saccharomyces cerevisiae</i> ," <i>Genes Devel.</i> 15:3169-3182, 2001.					
	Meléndez and Greenwald, " <i>Caenorhabditis Elegans Lin-13</i> , a Member of the LIN-35 Rb Class of Genes Involved in Vulval Development, Encodes a Protein with Zinc Fingers and an LXCXE Motif," <i>Genetics</i> 155:1127-1137, 2000.					
	Mello et al., "Efficient Gene Transfer in <i>C. Elegans</i> : Extrachromosomal Maintenance and Integration of Transforming Sequences," <i>EMBO J.</i> 10(12):3959-3970, 1991.					
	Mittnacht et al., "Ras Signalling Is Required for Inactivation of the Tumour Suppressor pRb Cell-Cycle Control Protein," <i>Curr. Biol.</i> 7(3):219-221, 1997.					
	Nielsen et al., "Sequence-Selective Recognition of DNA by Strand Displacement With a Thymine-Substituted Polyamide," <i>Science</i> 254(5037):1497-1500, 1991.					
	Nourani et al., "Role of an ING1 Growth Regulator in Transcriptional Activation and Targeted Histone Acetylation by the NuA4 Complex," <i>Mol. Cell. Biol.</i> 21(22):7629-7640, 2001.					
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	Osada et al., "The Yeast SAS (Something About Silencing) Protein Complex Contains a MYST-Type Putative Acetyltransferase and Functions With Chromatin Assembly Factor ASF1," <i>Genes Devel.</i> 15:3155-3168, 2001.						
	Page et al., "The <i>C. Elegans</i> E2F- and DP-Related Proteins Are Required for Embryonic Asymmetry and Negatively Regulate Ras/MAPK Signaling," <i>Mol. Cell</i> 7(3):451-460, 2001.						
	Peeper et al., "Ras Signalling Linked to the Cell-Cycle Machinery by the Retinoblastoma Protein," <i>Nature</i> 386(6621):177-181, 1997.						
	Reid et al., "Coordinate Regulation of Yeast Ribosomal Protein Genes Is Associated with Targeted Recruitment of Esa1 Histone Acetylase," <i>Mol. Cell</i> 6(6):1297-1307, 2000.						
	Reifsnyder et al., "Yeast SAS Silencing Genes and Human Genes Associated with AML and HIV-1 Tat Interactions Are Homologous with Acetyltransferase," <i>Nature Genet.</i> 14(1):42-49, 1996.						
	Rogalski et al., "Essential Genes and Deficiencies in the <i>UNC-22 IV</i> Region of <i>Caenorhabditis Elegans</i> ," <i>Genetics</i> 102:725-736, 1982.						
	Romagnolo et al., "Downstream Targets of <i>Let-60</i> Ras in <i>Caenorhabditis Elegans</i> ," <i>Devel. Biol.</i> 247(1):127-136, 2002.						
	Rosenbluth and Baillie, "The Genetic Analysis of a Reciprocal Translocation, <i>eT1(III;V)</i> , in <i>Caenorhabditis Elegans</i> ," <i>Genetics</i> 99:415-428, 1981.						
	Roth et al., "Histone Acetyltransferases," <i>Ann. Rev. Biochem.</i> 70:81-120, 2001.						
	Saleh et al., "Tra1p Is a Component of the Yeast Ada-Spt Transcriptional Regulatory Complexes," <i>J. Biol. Chem.</i> 273(41):26559-26565, 1998.						
	Sato et al., "Homoeosis in <i>Drosophila</i> : a New Enhancer of Polycomb and Related Homoeotic Mutations," <i>Genetics</i> 105:357-370, 1983.						
	Skena et al., "Parallel Human Genome Analysis: Microarray-Based Expression Monitoring of 1000 Genes," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 93:10614-10619, 1996.						
	Sigurdson et al., " <i>Caenorhabditis Elegans</i> Deficiency Mapping," <i>Genetics</i> 108:331-345, 1984.						
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	Sinclair et al., "Enhancer of Polycomb Is a Suppressor of Position-Effect Variegation in <i>Drosophila Melanogaster</i> ," <i>Genetics</i> 148:211-220, 1998.				
	Smith et al., "ESA1 Is A Histone Acetyltransferase That Is Essential for Growth in Yeast," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 95:3561-3565, 1998.				
	Solari and Ahringer, "NURD-Complex Genes Antagonise Ras-Induced Vulval Development in <i>Caenorhabditis Elegans</i> ," <i>Curr. Biol.</i> 10(4):223-226, 2000.				
	Sternberg and Horvitz, "Pattern Formation During Vulval Development in <i>C. Elegans</i> ," <i>Cell</i> 44(5):761-772, 1986.				
	Sternberg and Han, "Genetics of RAS Signaling in <i>C. Elegans</i> ," <i>Trends Genet.</i> 14(11):466-472, 1998.				
	Suka et al., "Highly Specific Antibodies Determine Histone Acetylation Site Usage in Yeast Heterochromatin and Euchromatin," <i>Mol. Cell</i> 8(2):473-479, 2001.				
	Sulston and Horvitz, "Post-Embryonic Cell Lineages of the Nematode, <i>Caenorhabditis Elegans</i> ," <i>Dev. Biol.</i> 56(1):110-156, 1977.				
	Tabara et al., "The <i>Rde-1</i> Gene, RNA Interference, and Transposon Silencing in <i>C. Elegans</i> ," <i>Cell</i> 99(2):123-132, 1999.				
	Thomas and Horvitz, "The <i>C. Elegans</i> Gene <i>Lin-36</i> Acts Cell Autonomously in the <i>Lin-35 Rb</i> Pathway," <i>Development</i> 126:3449-3459, 1999.				
	Trimarchi and Lees, "Sibling Rivalry in the E2F Family," <i>Nature Rev. Mol. Cell Biol.</i> 3:11-20, 2002.				
	Turner et al., "Histone H4 Isoforms Acetylated at Specific Lysine Residues Define Individual Chromosomes and Chromatin Domains in <i>Drosophila</i> Polytene Nuclei," <i>Cell</i> 69(2):375-384, 1992.				
	Von Zelewsky et al., "The <i>C. Elegans</i> Mi-2 Chromatin-Remodelling Proteins Function in Vulval Cell Fate Determination," <i>Development</i> 127:5277-5284, 2000.				
	Wahl et al., "Molecular Hybridization of Immobilized Nucleic Acids: Theoretical Concepts and Practical Considerations," <i>Meth. Enzymol.</i> 152:399-407, 1987.				
EXAMINER			DATE CONSIDERED		
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.					

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FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS					
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Translation (Yes/No)
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)					
	Whyte et al., "Association Between an Oncogene and an Anti-Oncogene: The Adenovirus E1A Proteins Bind to the Retinoblastoma Gene Product," <i>Nature</i> 334(6178):124-129, 1988.				
	Williams et al., "A Genetic Mapping System in <i>Caenorhabditis Elegans</i> Based on Polymorphic Sequence-Tagged Sites," <i>Genetics</i> 131:609-624, 1992.				
	Yoon et al., "Similarity of <i>Sli-1</i> , A Regulator of Vulval Development in <i>C. Elegans</i> to the Mammalian Proto-Oncogene <i>C-Cbl</i> ," <i>Science</i> 269(5227):1102-1105, 1995.				
	Zhu et al., "Analysis of Yeast Protein Kinases Using Protein Chips," <i>Nature Gen.</i> 26(3):283-289, 2000.				
	Zorio et al., "Operons As A Common Form of Chromosomal Organization in <i>C. Elegans</i> ," <i>Nature</i> 372:270-272, 2002.				
	International Search Report for PCT/US03/28626 dated February 5, 2004.				
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